

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

Date/Time: January 24, 2005

Site Contact(s): Dyan Foss
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Regulatory Contact: Edd Kray
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Agency: CDPHE

Purpose of Contact: Disposition of Area 6 Survey unit 26

Discussion

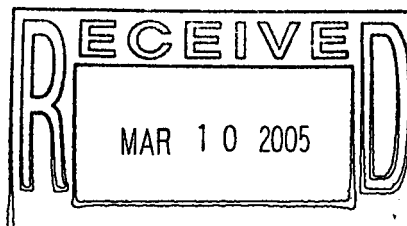
In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare Area 6, survey unit 26 for demolition. Survey unit 26 consists of room 153.

The preparation process for Survey unit 26 was initiated January 16, 2005 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, it was determined that the in process and final surveys could be combined and the CDPHE representative concurred with this approach.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey unit 26. The following summarizes the non-radiological activities:

- There are no RCRA units associated with survey unit 26.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Room 153 was not listed on the historical list of rooms with potential beryllium contamination. Baseline beryllium characterization and subsequent surveys following equipment removal found no removable beryllium contamination. Fourteen (14) samples were collected in the survey unit on horizontal surfaces from floor to ceiling. All samples were below the analytical reporting limit of 0.1 ug/100 cm².
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.
- The survey unit contains no asbestos.

Based on the survey results and the principles of ALARA, the risks (industrial and radiological) to the workers are greater than the benefit in source term reduction that



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would be gained through additional decontamination. The state project representative agrees that decontamination inside survey unit 26 has progressed to the point of reasonably achievable.

In summary, ALARA-based decontamination has been completed, Survey unit 26 will be surveyed for removable contamination, and controls applied during demolition. Due to the low levels of contamination in survey unit 26, encapsulation is not required, and the unit will not be painted. This contact record will be placed in the demolition file for this survey unit.

Contact Record Prepared By: Dyan Foss

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